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Short Range
Imperial
Floodlight
Projectors



BULLETIN No. 2083

CROUSE-HINDS COMPANY
SYRACUSE, N.Y., U.S.A.



Gas Station Illumination



Factory Yard Illumination

SHORT RANGE IMPERIAL FLOODLIGHT PROJECTORS

BULLETIN NO. 2083

Supersedes Bulletin No. 2082

February 1, 1926



CROUSE-HINDS COMPANY

ESTABLISHED 1887

SYRACUSE, N. Y., U. S. A.

Sales Offices

NEW YORK

BOSTON

CHICAGO

Philadelphia Detroit

St. Louis Minneapolis

Cincinnati

San Francisco

Short Range Imperial Floodlight Projectors

TYPES BCA AND BCE



Type BCA
Quadrant Mounting



Type BCE
Trunnion Mounting

Short Range Imperial Floodlight Projectors

TYPES BCA AND BCE

- HOUSING:** Armco, sheet steel, weatherproof.
- REFLECTOR:** Steel, 16" diffusing (Cat. No. HL8540).
- MOUNTINGS:** Quadrant (type BCA) or trunnion (type BCE).
- FOCUSING MECHANISM:** Hand operated from ventilator housing. (Cat. Nos.—Receptacle Support, HL7117; Receptacle Bracket, HL8605.)
- SOCKET:** Porcelain Mogul with lamp grip (Cat. No. HL7136).
- WIRE:** Two 3-foot leads No. 14 gauge flexible, heat-resisting, flameproof and weatherproof.
- DOOR FRAME:** Armco steel, hinged at top (Cat. No. HL1704).
- GLASS:** Clear, convex, heat-resisting (Cat. No. HL6804).
- LAMPS:** 300 to 1000-watt PS bulb.
- MAXIMUM OVERALL DIMENSIONS:** Height, BCA, 31½"; BCE, 34¾"; Width, BCA, 18"; BCE, 21¼"; Depth, BCA, 10⅞"; BCE, 10⅞".
- FINISH:** Baked black enamel.
- NET WEIGHTS:** BCA, 46 lb.; BCE, 46 lb.
- SHIPPING WEIGHTS:** BCA, 96 lb.; BCE, 96 lb.
- SPREAD OF BEAM:** 135 degrees.

If specified on the order, convex, heat-resisting, diffusing lens will be furnished at an advance of \$2.00 in the list price.

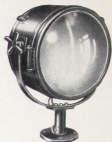
Type	BCA	BCE
Mounting	Quadrant	Trunnion
Catalog Number . . .	30318	30319
List Price, each . . .	\$41.00	\$44.00

Short Range Imperial Floodlight Projectors

TYPES GCA, GCE, AND GCO



Type GCA
Quadrant Mounting



Type GCE
Trunnion Mounting



Type GCO
Slip Fitter Mounting
Rear View
Showing Illuminated Sign



Type GCO
Slip Fitter Mounting
Front View

Short Range Imperial Floodlight Projectors

TYPES GCA, GCE, AND GCO

- HOUSING:** Armco, sheet steel, weatherproof.
- REFLECTOR:** Steel, 16" diffusing (Cat. No. HL8479).
- MOUNTINGS:** Quadrant (type GCA), trunnion (type GCE), or slip fitter (type GCO).
- FOCUSING MECHANISM:** None.
- SOCKET:** Porcelain Mogul with lamp grip (Cat. No. HL7136).
- WIRE:** Two 3-foot leads No. 14 gauge flexible, heat-resisting, flameproof and weatherproof.
- DOOR FRAMES:** Front—Armco steel, hinged and held closed by two cam clamps (Cat. No. HL1704).
Back—Armco steel, hinged and held closed by two cam clamps (Cat. No. HL8606).
- GLASS:** Front—clear, convex, heat-resisting (Cat. No. HL6804).
Back—not furnished, 14 $\frac{3}{4}$ " to 15" diameter sign glass. Floodlight is shipped with removable sheet metal disk in back door.
- LAMPS:** 300 to 500-watt, 35 and 40 PS bulbs, respectively.
- MAXIMUM OVERALL DIMENSIONS:** Height, GCA, 25"; GCE, 28 $\frac{1}{2}$ "; GCO, 22 $\frac{3}{16}$ "; Width, GCA, 18"; GCE, 21 $\frac{1}{4}$ "; GCO, 18"; Depth, GCA, 14 $\frac{1}{4}$ "; GCE, 14 $\frac{1}{4}$ "; GCO, 14 $\frac{1}{4}$ ".
- FINISH:** Baked black enamel.
- NET WEIGHTS:** GCA, 36 lb.; GCE, 36 lb.; GCO, 35 lb.
- SHIPPING WEIGHTS:** GCA, 86 lb.; GCE, 86 lb.; GCO, 85 lb.
- SPREAD OF BEAM:** 120 degrees.
- If specified on the order, convex, heat-resisting, diffusing lens will be furnished at an advance in the list price. Price on request.

Type	GCA	GCE	GCO
Mounting	Quadrant	Trunnion	Slip Fitter
Catalog No. .	30317	30316	30315
List Price . .	On request	On request	On request

TYPES SDA AND SDE



Type SDA
Quadrant Mounting



Type SDE
Trunnion Mounting

Maximum Overall Dimensions in Inches

Style	9 $\frac{5}{8}$ " SDA	12" SDA	16" SDA
Width	11 $\frac{1}{2}$	13 $\frac{5}{8}$	18
Height	18 $\frac{1}{4}$	20 $\frac{1}{4}$	25
Depth	8 $\frac{3}{4}$	9 $\frac{1}{4}$	12 $\frac{3}{8}$
Style	9 $\frac{5}{8}$ " SDE	12" SDE	16" SDE
Width	14 $\frac{7}{8}$	17	21 $\frac{1}{4}$
Height	18 $\frac{1}{4}$	24 $\frac{1}{4}$	28 $\frac{1}{2}$
Depth	8 $\frac{3}{4}$	9 $\frac{1}{4}$	12 $\frac{3}{8}$

Short Range Imperial Floodlight Projectors

TYPES SDA AND SDE

- HOUSING:** Armeo, sheet steel, weatherproof.
- REFLECTOR:** Steel, 9 $\frac{5}{8}$ ", 12", and 16" diffusing (Cat. Nos.—9 $\frac{5}{8}$ ", HL8596; 12", HL8597; 16", HL8598).
- MOUNTINGS:** Quadrant (type SDA) or trunnion (type SDE).
- FOCUSING MECHANISM:** One-way (Cat. Nos.—Receptacle Support: 9 $\frac{5}{8}$ ", HL1763; 12", HL7053; 16", HL1763. Receptacle Bracket: 9 $\frac{5}{8}$ ", HL6314; 12", HL1857; 16", HL1856).
- SOCKET:** Porcelain Medium Screw Base with lamp grip, for 9 $\frac{5}{8}$ " and 12" (Cat. No. HL6019); Mogul with lamp grip for 16" (Cat. No. HL7136).
- WIRE:** Two 3-foot leads No. 14 gauge flexible, heat-resisting, flameproof and weatherproof.
- DOOR FRAME:** Hinged at top with one cam clamp for 9 $\frac{5}{8}$ " and 12", and two cam clamps for 16" (Cat. Nos.—9 $\frac{5}{8}$ ", HL6093; 12", HL6308; 16", HL1704).
- GLASS:** Clear, convex, heat-resisting (Cat. Nos.—9 $\frac{5}{8}$ ", HL6800; 12", HL6802; 16", HL6804).
- LAMPS:** 150-watt (9 $\frac{5}{8}$ " floodlight), 250-watt (12" floodlight), 500-watt (16" floodlight) in G25, G30, and G40 PS bulbs, respectively.
- MAXIMUM OVERALL DIMENSIONS:** See schedule, opposite page.
- FINISH:** Baked black enamel.
- NET WEIGHTS:** SDA (9 $\frac{5}{8}$ "), 19 lb.; 12", 22 lb.; 16", 35 lb.; SDE (9 $\frac{5}{8}$ "), 21 lb.; 12", 24 lb.; 16", 37 lb.
- SHIPPING WEIGHTS:** SDA (9 $\frac{5}{8}$ "), 44 lb.; 12", 56 lb.; 16", 85 lb.; SDE (9 $\frac{5}{8}$ "), 46 lb.; 12", 58 lb.; 16", 87 lb.
- SPREAD OF BEAM:** 90 degrees.

Type	SDA—Quadrant Mounting		
	9 $\frac{5}{8}$ "	12"	16"
Catalog No. . .	30309	30311	30313
List Price . . .	\$18.50	\$27.50	\$35.00
Type	SDE—Trunnion Mounting		
	9 $\frac{5}{8}$ "	12"	16"
Catalog No. . .	30310	30312	30314
List Price . . .	\$21.00	\$30.50	\$38.00

